

Weather Briefing December 24, 2014







National Weather Service Detroit/Pontiac, MI

http://www.weather.gov/dtx

Email: w-dtx.webmaster@noaa.gov

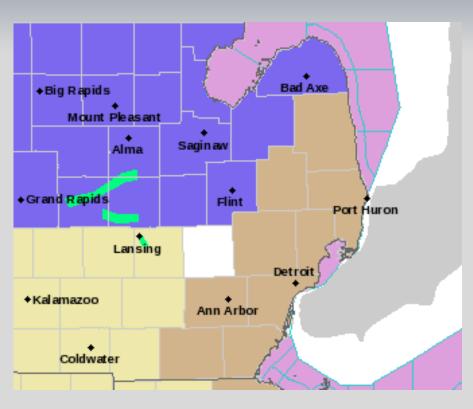




Weather Briefing Watches, Warnings, and Advisories



Strong Winds this evening; 2-4" snow in Saginaw Valley to Thumb





- Wind Advisory
- Winter Weather Advisory

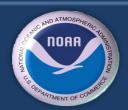
- Gale Warning
- Small Craft Advisory



Weather Briefing Key Points



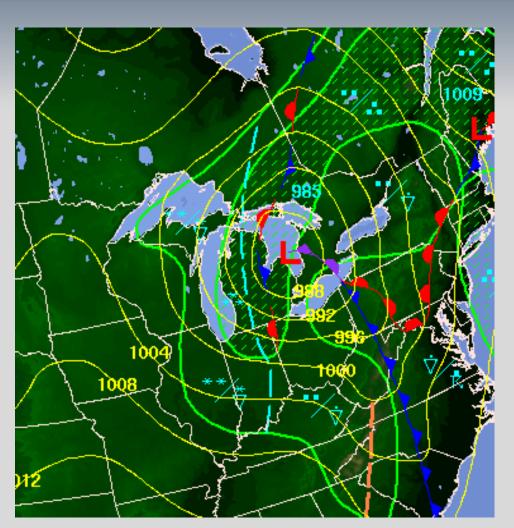
What	 Wind gusts to around 45 mph 2-4" Snow in northern Counties
When	• Strongest winds 7 pm to 3 am •Snow accumulations 7pm to 1am.
Where	 • Much of Southeast Lower Michigan, weaker along and west of US-23 •Snow north of I-69
Forecast Confidence	 Medium to High confidence in gusts to 45 mph from 7 pm to 3 am Medium to High confidence in snow for advisory area. Low confidence elsewhere.
Winds of this speed may cause:	 Tree limbs and power lines may fall Loose objects may be blown around A few power outages Driving difficulties, especially high profile vehicles



Weather Briefing



What will cause these winds?



Low pressure forecast at 7 pm this evening

Event Summary

Deepening low pressure will track Northeast to Lake Huron tonight.

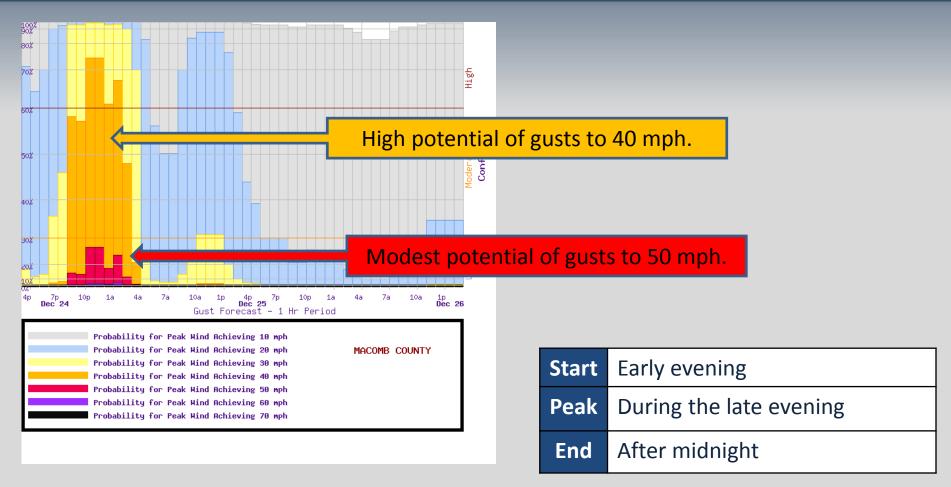
Strong southwest winds will develop this evening in the immediate wake of this low pressure.

Precip type turns to all snow as cold air wraps in behind the low



Weather Briefing Wind Gust Potential





Probabilistic Wind Forecast for Macomb Area

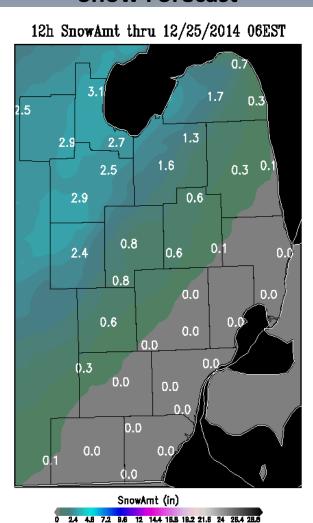
http://www.crh.noaa.gov/dtx/?n=pgust



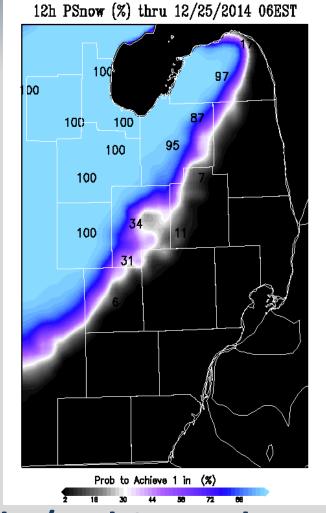
Weather Briefing Snow Potential



Snow Forecast



Chance to see 1" or more



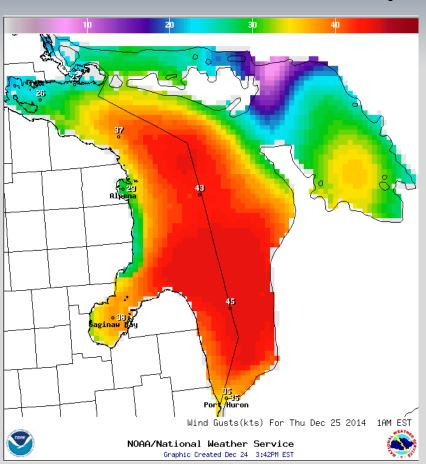
http://www.crh.noaa.gov/dtx/ProbSnow.php



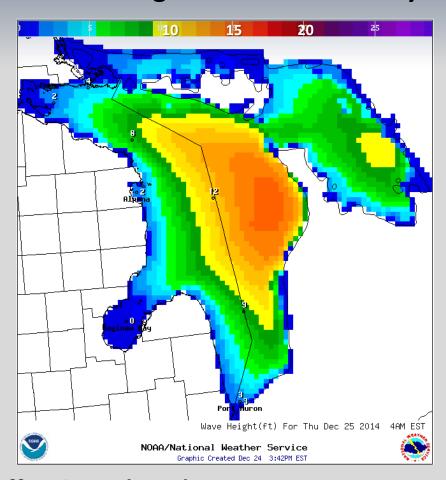
Marine Weather Briefing Lake Huron Hazards



Wind Gusts at 1 am Thursday



Wave Heights at 4 am Thursday



Gale Warning in effect into Thursday.

Winds and wave heights will peak over Lake Huron overnight

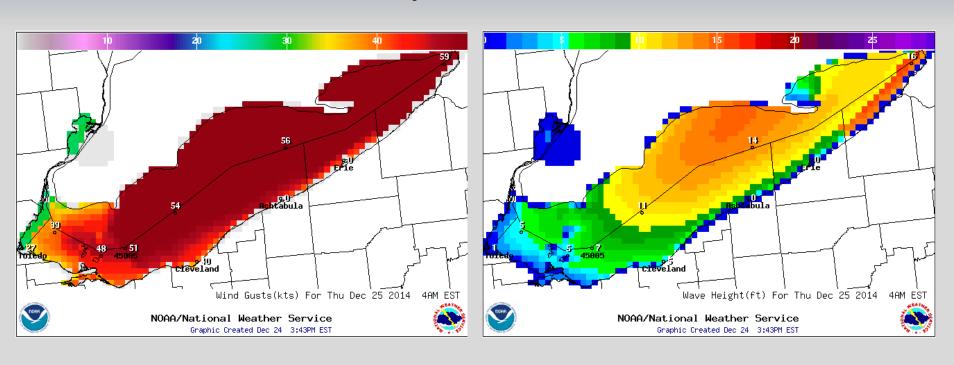


Marine Weather Briefing Lake St. Clair and Lake Erie Hazards



Wind Gusts at 4 am Thursday

Wave Heights at 4 am Thursday



Gale Warnings in effect through Thursday morning.
Winds will peak around midnight with waves building overnight



Additional Information





Local Hazards Page

http://www.weather.gov/detroit/svr.php

Latest Wind Probability Graphics

http://www.crh.noaa.gov/dtx/?n=pgust

Great Lakes Marine Portal

http://www.crh.noaa.gov/greatlakes/

Snow Accumulation Graphics

http://www.crh.noaa.gov/dtx/ProbSnow.php



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